

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	618	209/284,288.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/30 14:00
L2	593	209/296,297,298,293.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/30 14:00
L3	1118	L1 L2	US-PGPUB; USPAT	OR	ON	2009/12/30 14:00
L4	7	((casing) and (shaft) and (net screen) and (ring) and (rod) and (cover)).clm.	US-PGPUB; USPAT	OR	ON	2009/12/30 14:05
S1	1	10/598131	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 10:48
S2	2	"3233836".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:08
S3	1	(fumi and kato).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:09
S4	179	(fumio and kato).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:09
S5	94	(teruo and inoue).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:10
S6	45	(yoshio and sakakibara).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:10
S7	1	(sinsaku and kamimura).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:10
S8	1	S4 and S5 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:10
S9	307	S4 S5 S6	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:11
S10	14	(tsukasa and industry).as.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:12
S11	75714	"209".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:36

S12	381	S11 and kaolin	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:36
S13	27	("0188429"   "2105782"   "2134703"   "2616609"   "2734635"   "0231555"   "3475178"   "3510002"   "3692091"   "3747770"   "3876548"   "4038187"   "4361590"   "4737277"   "4906364"   "5008010"   "5490928"   "5607587"   "5733450").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:38
S14	8	("5008010"   "5248042"   "5507396"   "5607587"   "5733450"   "5992641"   "6016921"   "6543621").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:38
S15	1	S1 and cover	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:39
S16	23	("0117990"   "0304682"   "1571736"   "1717604"   "2055119"   "3845863"   "3928188"   "4178246"   "4294692"   "4310412"   "4799595"   "5458246"   "5593042"   "5697503"   "5707488"   "6338412"   "7093718").PN. OR ("2009/0020460"   "7093718"   "7410064"   "7413086").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 11:46
S17	2	"20040011710"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/19 12:01
S18	15	("0619341"   "2711250" "3865727"   "3886063" "4159242"   "4207943" "4717470"   "4901863" "5507396"   "5535891" "5628912"   "5957301" "6006921").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/24 09:34
S19	1	"6874713".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/24 09:34
S20	16	S18 S19	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/24 09:34
S21	593	209/296,297,298,293.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/24 09:44
S22	617	209/284,288.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/24 09:44
S23	402	209/370,372.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/24 09:44

S24	93	S21 and S22	US-PGPUB; USPAT	OR	ON	2009/03/24 09:49
S25	50	(US-20090020460-\$ or US-20060102527-\$ or US-20080116120-\$ or US-20040137218-\$ or US-20050121375-\$ or US-20050136154-\$ or US-20050224148-\$ or US-20060032807-\$ or US-20080023383-\$).did. or (US-7410064-\$ or US-5553657-\$ or US-5651248-\$ or US-5851686-\$ or US-4795598-\$ or US-4970091-\$ or US-5010945-\$ or US-5197528-\$ or US-5620490-\$ or US-6095339-\$ or US-4874358-\$ or US-5595580-\$ or US-5770136-\$ or US-5851568-\$ or US-5884387-\$ or US-6156246-\$ or US-4249860-\$ or US-4539918-\$ or US-4542114-\$ or US-4825094-\$ or US-4906259-\$ or US-4939466-\$ or US-5007561-\$ or US-5202299-\$ or US-5243946-\$ or US-5248457-\$).did. or (US-5260519-\$ or US-5273814-\$ or US-5320750-\$ or US-5419877-\$ or US-5626651-\$ or US-5653888-\$ or US-5656063-\$ or US-5702244-\$ or US-6032456-\$ or US-6091843-\$ or US-6193412-\$ or US-6309703-\$ or US-7087202-\$ or US-7172688-\$ or US-7341661-\$).did.	US-PGPUB; USPAT	OR	ON	2009/03/24 09:50
S26	50	(US-20090020460-\$ or US-20060147622-\$ or US-20020127130-\$ or US-20050136154-\$ or US-20070132020-\$ or US-20080197409-\$).did. or (US-4249860-\$ or US-5655366-\$ or US-3811325-\$ or US-3943754-\$ or US-5181474-\$ or US-4542114-\$ or US-5595580-\$ or US-5620490-\$ or US-5651248-\$ or US-5651250-\$ or US-6042781-\$ or US-6049381-\$ or US-6332906-\$ or US-6896720-\$ or US-5598931-\$ or US-5664686-\$ or US-3563544-\$ or US-3568961-\$ or US-3570401-\$ or US-3570595-\$ or US-3578018-\$ or US-3584684-\$ or US-3590272-\$ or US-3602033-\$ or US-3602402-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/03/24 09:50

		3603150-\$).did. or (US-3605034-\$ or US-3620499-\$ or US-3654471-\$ or US-3654531-\$ or US-3670347-\$ or US-3675394-\$ or US-3682355-\$ or US-3687485-\$ or US-3690554-\$ or US-3695629-\$ or US-3700980-\$ or US-3703820-\$ or US-3704687-\$ or US-3722222-\$ or US-3736368-\$ or US-3738675-\$ or US-3739731-\$ or US-3750681-\$).did.				
S27	7	\$25 and \$26	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 09:51
S28	93	\$25 \$26	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 09:51
S29	500	\$21 not \$24	US-PGPUB; USPAT	OR	ON	2009/03/24 10:01
S30	593	209/296,297,298,293.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/24 13:13
S31	617	209/284,288.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/24 13:13
S32	524	S31 not S30	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 13:13
S33	23	("0779149"   "1284669"   "1427031"   "1771996"   "2204835"   "2392812"   "4184944"   "4222865"   "4670136"   "5049262"   "5213217"   "5346071"   "5377846").PN. OR ("5507396").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 13:29
S34	13	("0015455"   "1571736"   "2293668"   "4638954").PN. OR ("5458246").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 13:29
S35	6	("4109511"   "4413738"   "4691830"   "4762544"   "5675516"   "6584805").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 13:40
S36	8	("5008010"   "5248042"   "5507396"   "5607587"   "5733450"   "5992641"   "6016921"   "6543621").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 13:41

S37	73	("0188429"   "0231555"   "0779149"   "1284669"   "1427031"   "1771996"   "2105782"   "2134703"   "2204835"   "2392812"   "2423442"   "2575484"   "2616609"   "2734635"   "2793755"   "3475178"   "3510002"   "3747770"   "3876548"   "3962091"   "4038187"   "4184944"   "4222865"   "4361590"   "4670136"   "4720473"   "4737277"   "4906364"   "5008019"   "5049262"   "5213217"   "5346071"   "5377846"   "5490928"   "5607587"),PN. OR ("5008010"   "5507396"   "5607587"   "5733450"   "6016921").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 13:42
S38	75719	"209".clas.	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 13:59
S39	13432	S38 and sheet	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 13:59
S40	736	S39 and (inspect camera)	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 13:59
S41	1257	S39 and (print\$4)	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 14:00
S42	240	S40 and S41	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 14:00
S43	562	209/584.ccls.	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 14:09
S44	27	S43 and pippin	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 14:09
S45	29	("1204428"   "3732978"   "3905896"   "4310276"   "4509635"   "4554873"   "4679149"   "4756657"   "4963251"   "4997337"   "5000325"   "5086929"   "5174454"   "5188210"   "5240118"   "5346351"   "5405232"   "5590794"   "5634760"   "5845785"   "5994657"   "6026967"   "6079570"   "6082521"   "6555776"   "6762382"),PN. OR ("7138596").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2009/03/24 14:10

S46	29	S43 and ((insert\$3 extract\$3) same (rotat\$3))	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 14:11
S47	72	S43 and siemens	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/24 14:12
S48	88	hageman.xa.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:07
S49	33	("20020195310"   "2609115"   "3884346"   "4031976"   "4058198"   "4063375"   "4206840"   "4303506"   "4512687"   "4624357"   "4983280"   "4997135"   "5193971"   "5234564"   "5248042"   "5285905"   "5332052"   "5333725"   "5474816"   "5577618"   "5749452"   "5819950"   "6290153"   "6360876"   "6360894"   "6543622"   "6910586").PN. OR ("7273150").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:09
S50	47	("0065716"   "0447162"   "0530086"   "1081969"   "1321773"   "1370620"   "1420685"   "1458299"   "1786131"   "2516963"   "2620064"   "2904847"   "2983379"   "3942625"   "4236999"   "4278543"   "4440635"   "4587745"   "4635860"   "4687105"   "48966835"   "4933073").PN. OR ("5248042").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:09
S51	28	("20040159593"   "2609115"   "3884346"   "4031976"   "4058198"   "4135614"   "4303506"   "4624357"   "4784400"   "4927528"   "4983280"   "4997135"   "5193971"   "5234564"   "5248042"   "5285905"   "5332052"   "5427250"   "5577618"   "5819950"   "6019227"   "6056252"   "6290153"   "6360894"   "6543622"   "6572039"   "6843376").PN. OR ("7513370").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:10

S52	23	("0779149"   "1284669"   "1427031"   "1771996"   "2204835"   "2392812"   "4184944"   "4222865"   "4670136"   "5049262"   "5213217"   "5346071"   "5377846").PN. OR ("5507396").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:12
S53	88	hageman.xa.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:20
S54	75958	"209".clas.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:20
S55	87	("1626492"   "20020079255"   "20020139726"   "20020179502"   "20030000871"   "20030141226"   "20030155282"   "20040251179"   "20050173312"   "20070102328"   "2669365"   "2695699"   "3184061"   "3312358"   "3598303"   "3880298"   "3929076"   "3941372"   "4008813"   "4181947"   "4247008"   "4401301"   "4440492"   "4507739"   "4511024"   "4566595"   "4630216"   "4641753"   "4672553"   "4690751"   "4974721"   "5009321"   "5016753"   "5031223"   "5072822"   "5074539"   "5101981"   "5119954"   "5133543"   "5226547"   "5289983"   "5293983"   "5325972"   "5353912"   "5353915"   "5363971"   "5377814"   "5398922"   "5446667"   "5544758"   "5558201"   "5628162"   "5706928"   "5718321"   "5772029"   "5833076"   "6059091"   "6119929"   "6167326"   "6208908"   "6217274"   "6227378"   "6239397"   "6241099"   "6269609"   "6270069"   "6283304"   "6316741"   "6328302"   "6347260"   "6364199"   "6443311"   "6466828"   "6501041"   "6536191"   "6555776"   "6561339"   "6561360"   "6598748"	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:22

		"6729836"   "6946612"   "7126074").PN. OR ("7411146").URPN.				
S56	905	S54 and carriage	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:24
S57	14	S56 and (hanson roth).in.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/04 15:24
S58	618	209/284,288.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/21 14:05
S59	593	209/296,297,298,293.ccls.	US-PGPUB; USPAT	OR	ON	2009/10/21 14:05
S60	1118	S58 S59	US-PGPUB; USPAT	OR	ON	2009/10/21 14:05
S61	1	10/589131	US-PGPUB; USPAT	OR	ON	2009/10/21 14:10
S62	0	S61 and independently	US-PGPUB; USPAT	OR	ON	2009/10/21 14:10
S63	2891192	support\$4	US-PGPUB; USPAT	OR	ON	2009/10/21 14:11
S64	452	"209".clas. and ultrasonic	US-PGPUB; USPAT	OR	ON	2009/10/21 14:13
S65	0	support\$4 and S61	US-PGPUB; USPAT	OR	ON	2009/10/21 14:41

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	5	((casing) and (shaft) and (net screen) and (ring) and (rod) and (cover).clm.	USPAT; UPAD	OR	ON	2009/12/30 14:05

12/30/2009 2:06:22 PM

C:\Documents and Settings\mhageman\My Documents\EAST Workspaces\10 cases\10\_598131.wsp